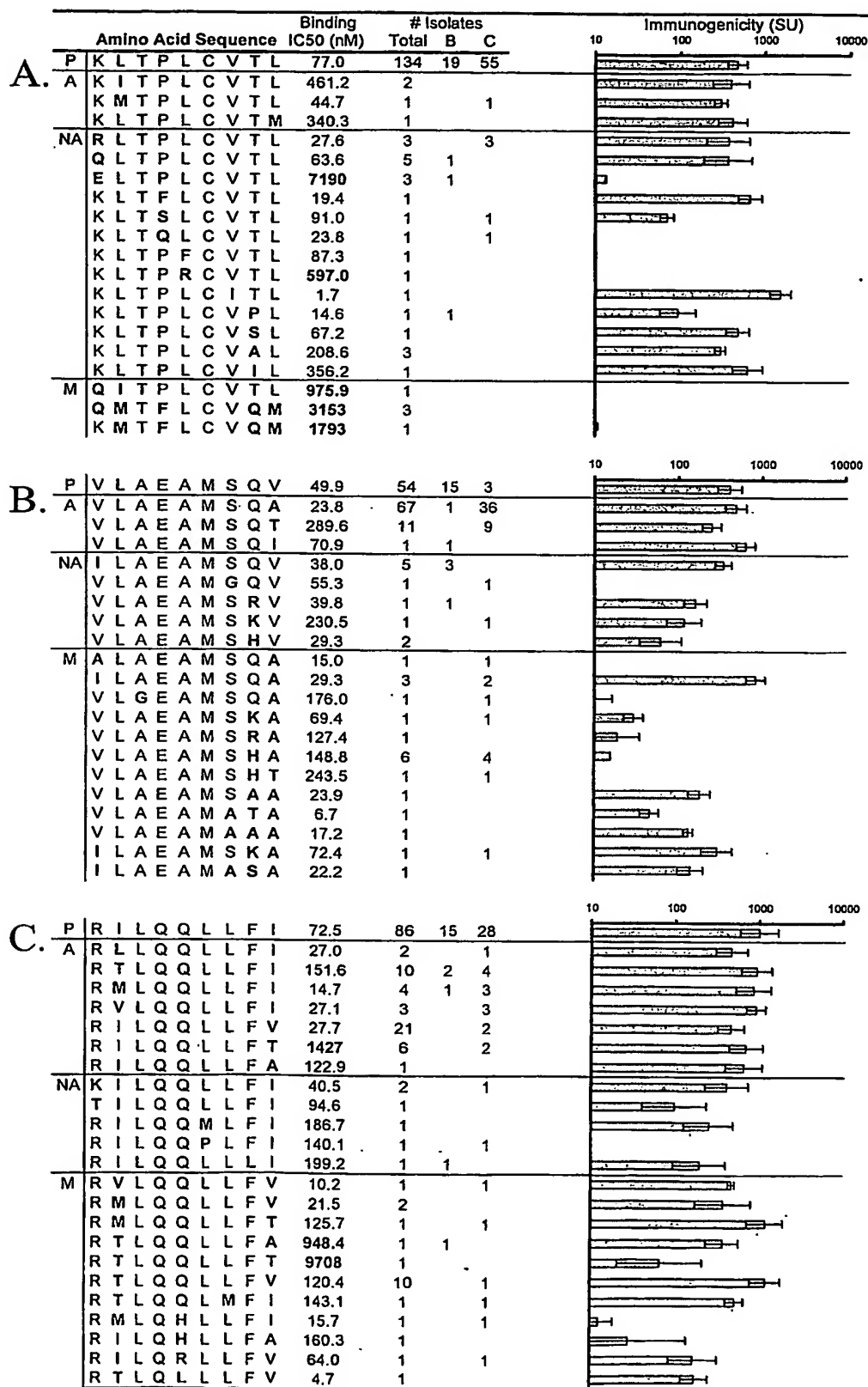


FIGS. 1A-1C



FIGS. 1D-1E

D.

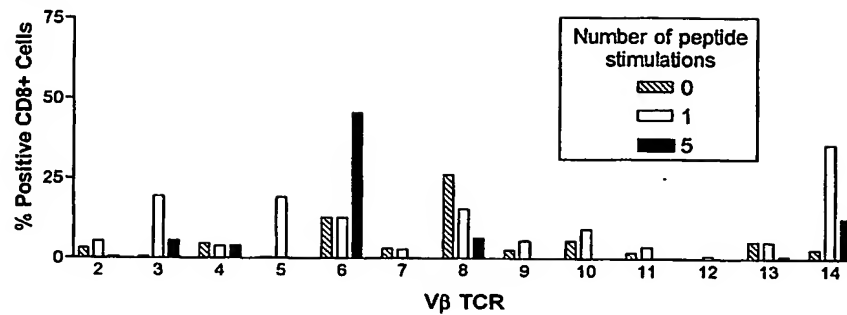
	Amino Acid Sequence	Binding IC50 (nM)	# Isolates			Immunogenicity (SU)			
			Total	B	C	10	100	1000	10000
P	V T I K I G G Q L K	15.5	18	13	1				
A	V A I K I G G Q L K	151.3	2	1					
	V T I K I G G Q L R	84.0	2						
NA	V T V K I G G Q L K	60.7	11	1					
	V T I R I G G Q L K	14.4	3	2					
	V T I K V G G Q L K	59.4	2	2					
	V T I K I E G Q L K	69.4	2	1					
	V T I K I G G Q I K	183.5	1						
2NA	V T V K I G G Q L R	194.1	3						
	V T V K I G G E L K	39.2	1						
	V T V K I E G Q L K	23.2	4						
	V T V K V G G Q L K	54.3	3						
	V T V R I G G Q L K	15.2	6						
	V T I R I G G Q L R	22.9	2						
	V T I R V G G Q L K	13.2	1						
	V A I K I G G Q I K	940.2	1	1					
	V N I K V G G Q L K	1768	1		1				
	V T I K I G G Q I R	388.5	1						
3NA	V T I K L G G Q I R	219.5	1						
	V T V K I E G Q L R	143.0	4						
	V T V K V G G Q L R	198.7	2						
	V T I R V G G Q L R	17.3	1						
	V S I K V G G Q I K	85.9	30		30				
	V T V R V G G Q L K	19.3	1						
4NA	V T I R V A G Q V K	20.8	1						
	V S I R V G G Q T K	20.9	1						
	V S I R V G G Q I K	90.6	4		4				
	V S I K V G G Q I R	1339	6		6				
	V T V R I G G M Q K	13.4	1						
	V S I R V G G Q T R	240.6	1		1				
	I T V K I G K E V R	12904	1						

E.

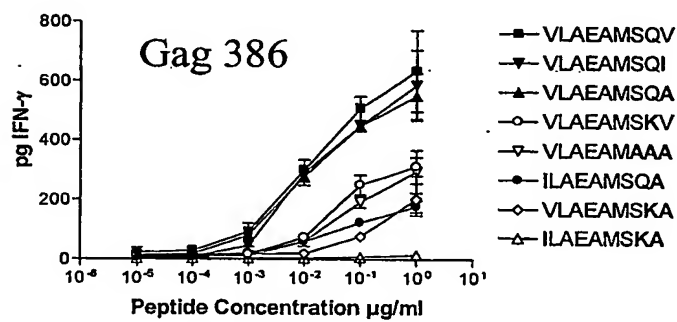
	Amino Acid Sequence	Binding IC50 (nM)	# Isolates			Immunogenicity (SU)			
			Total	B	C	10	100	1000	10000
P	V T V Y Y G V P V W K	9.2	99	21	30				
A	V T V Y Y G V P V W R	22.3	40		18				
NA	V T I Y Y G V P V W K	2.5	1						
	V T V Y D G V P V W K	18.8	1		1				
	V T V Y Y G V P I W K	2.3	2						
M	I T V Y Y G V P V W R	75.9	1						
	V T I Y Y G V P V W R	3.0	1						
	V T V Y D G V P V W R	245.7	1		1				
	V T V Y Y G I P V W R	16.7	1						
	V T V Y Y G V P V R R	270.7	1						

FIGS. 2A-2C

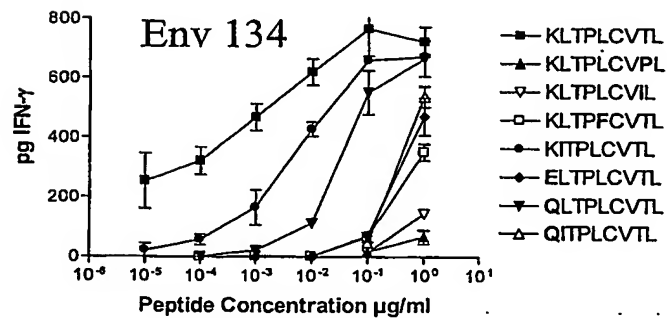
A.



B.



C.



FIGS. 3A-3B

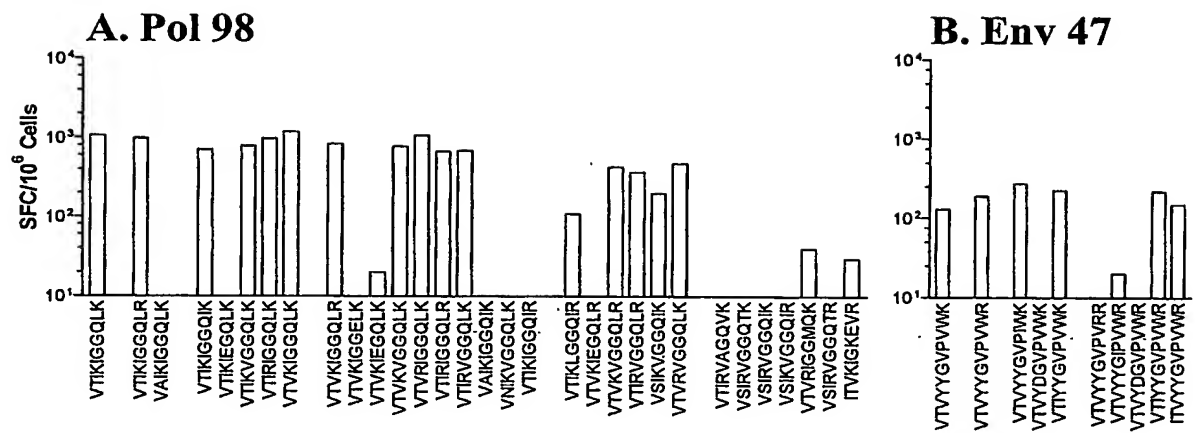


FIG. 4

